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(11)

EP 1 714 922 A3

(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3:
15.11.2006 Bulletin 2006/46

(51) Int Cl.:
B65G 27/24 (2006.01) **B65G 27/30** (2006.01)

(43) Date of publication A2:
25.10.2006 Bulletin 2006/43

(21) Application number: **06014691.7**

(22) Date of filing: **16.12.1999**

(84) Designated Contracting States:
**AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU
MC NL PT SE**

(30) Priority: **17.12.1998 US 215582**

(62) Document number(s) of the earlier application(s) in
accordance with Art. 76 EPC:
99967353.6 / 1 159 211

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(54) **Differential impulse conveyor with linear motor drive**

(57) A differential impulse conveyor for moving goods has a conveyor base (12) and a tray (16) for supporting the goods. The tray moves forward in a manner to carry the goods forward but moves backwards in a

manner causing the goods to slip on the tray. This reciprocating motion is produced by an electrically powered motor (30). The tray is supported in a slidable manner on linear bearings (196,198) held between posts arising from the base.

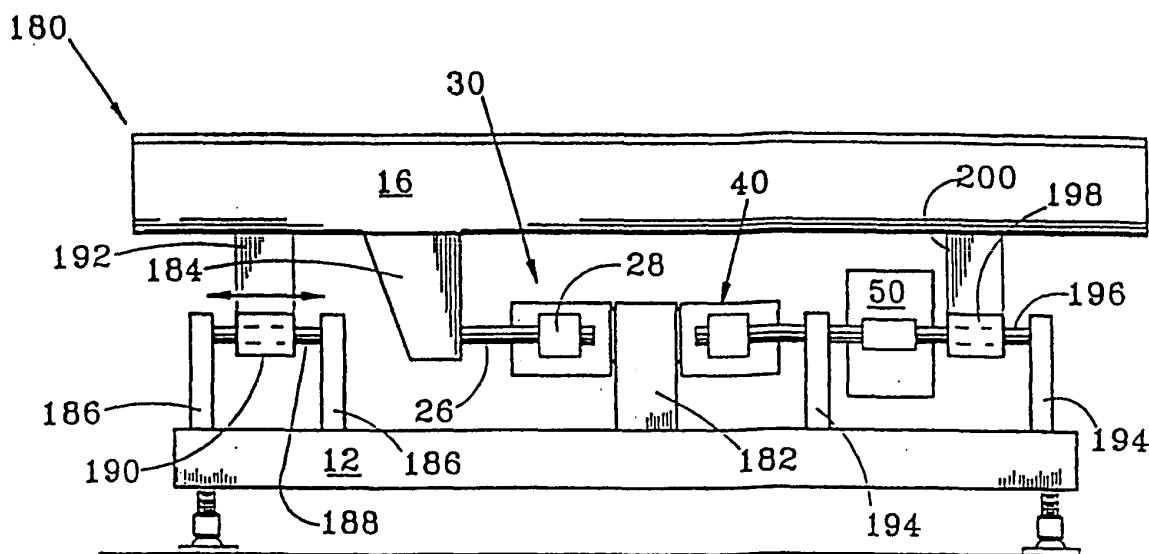


FIG. 11

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EUROPEAN SEARCH REPORT

Application Number
EP 06 01 4691

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
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A	US 5 178 258 A (SMALLEY ALFRED E ET AL) 12 January 1993 (1993-01-12) * claim 1; figures 1-5 * -----	5	
			TECHNICAL FIELDS SEARCHED (IPC)
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The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 15 September 2006	Examiner Sundqvist, Stefan
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</p>			

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EPO FORM 1503.03.82 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
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15-09-2006

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